

**Notice of Allowability**

Application No.

10/055,116

Examiner

Van T. Trieu

Applicant(s)

JOAO, RAYMOND ANTHONY

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Preliminary Amendment filed on 01 March 2007.
2. ☒ The allowed claim(s) is/are 21,22,24 and 27-53.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date See Continuation Sheet
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 4/16/07 & 4/11/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

Continuation of Attachment(s) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 2/5/07; 2/7/07 & 2/27/07.

### ***DETAILED ACTION***

#### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. **Joao Raymond** on 16 April 2007.

The application has been amended as follows: in the Preliminary Amendment filed on 01 March 2007, after the phrase "Listing of Claims:" insert a new line with --- Claims 1-20 (canceled).---

#### ***Allowable Subject Matter***

2. The following is an examiner's statement of reasons for allowance. Per applicant requests to have a whole set of each independent claims 21, 41 and 44 as statement of reasons for allowance as follow:

Claim 21, the prior art does not teach or suggest, alone or in combination, an apparatus comprising: a shipment conveyance device, wherein the shipment conveyance device is associated with a shipment, and further wherein the shipment conveyance device is at least one of a shipping container, a pallet, and a tote;

a memory device, wherein the memory device is located in, on, or at, the shipment conveyance device, wherein information regarding the shipment is stored in the memory device, and further wherein the information regarding the shipment includes a description of a good, product, or item, being shipped via the shipment conveyance device, and at least one of origination information, sender information, shipper information, destination information, receiver information, handling instruction information, delivery instruction information, invoice information, packing slip information, delivery time information, and payment instruction information, regarding the shipment;

a global positioning device, wherein the global positioning device is located in, on, or at, the shipment conveyance device, and further wherein the global positioning device determines a position or location of the shipment conveyance device;

a processing device, wherein the processing device processes at least one of information regarding the shipment and information regarding the shipment conveyance device in response to an occurrence of an event or in response to a request for information regarding the shipment or the shipment conveyance device, wherein the processing device generates a message containing information regarding the position or location of the shipment conveyance device and information regarding at least one of the occurrence of an event, a status of the shipment, a shipment temperature, and an impact or force on the shipment conveyance device; and

a transmitter, wherein the transmitter is located in, on, or at, the shipment conveyance device, wherein the transmitter transmits the message to a communication

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device associated with at least one of an individual or entity, a sender of the shipment, a receiver of the shipment, a carrier of the shipment, and an individual or entity authorized to receive information regarding the shipment or the shipment conveyance device.

Claim 41, an apparatus comprising: a shipment conveyance device, wherein the shipment conveyance device is at least one of a shipping container, a pallet, and a tote;

a memory device, wherein the memory device is located in, on, or at, the shipment conveyance device, wherein information regarding a shipment is stored in the memory device, and further wherein the information regarding a shipment includes a description of a good, product, or item, being shipped via the shipment conveyance device, and at least one of origination information, sender information, shipper information, destination information, receiver information, handling instruction information, delivery instruction information, invoice information, packing slip information, delivery time information, and payment instruction information, regarding the shipment;

a global positioning device, wherein the global positioning device is located in, on, or at, the shipment conveyance device, and further wherein the global positioning device determines a position or location of the shipment conveyance device;

a processing device, wherein the processing device is located in, on, or at, the shipment conveyance device, wherein the processing device processes information regarding the shipment conveyance device in response to an occurrence of an event or in response to a request for information regarding the shipment conveyance device,

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wherein the processing device generates a message containing information regarding the position or location of the shipment conveyance device and information regarding at least one of the occurrence of an event, a status of the shipment, a shipment temperature, and an impact or force on the shipment conveyance device; and

a transmitter, wherein the transmitter is located in, on, or at, the shipment conveyance device, wherein the transmitter transmits the message to a communication device associated with at least one of an individual or entity, a sender of the shipment, a receiver of the shipment, a carrier of the shipment, and an individual or entity authorized to receive information regarding the shipment or the shipment conveyance device.

Claim 44, an apparatus comprising: a shipping container, wherein the shipping container is associated with a shipment;

a memory device, wherein the memory device is located in, on, or at, the shipping container, wherein information regarding the shipment is stored in the memory device, and further wherein the information regarding the shipment includes a description of a good, product, or item, being shipped via the shipping container, and at least one of origination information, sender information, shipper information, destination information, receiver information, handling instruction information, delivery instruction information, invoice information, packing slip information, delivery time information, and payment instruction information, regarding the shipment;

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a global positioning device, wherein the global positioning device is located in, on, or at, the shipping container, and further wherein the global positioning device determines a position or location of the shipping container;

a processing device, wherein the processing device processes at least one of information regarding the shipment and information regarding the shipping container in response to an occurrence of an event or in response to a request for information regarding the shipment or the shipping container, wherein the processing device generates a message containing information regarding the position or location of the shipping container and information regarding at least one of the occurrence of an event, a status of the shipment, a shipment temperature, and an impact or force on the shipping container; and

a transmitter, wherein the transmitter is located in, on, or at, the shipping container, wherein the transmitter transmits the message to a communication device associated with at least one of an individual or entity, a sender of the shipment, a receiver of the shipment, a carrier of the shipment, and an individual or entity authorized to receive information regarding the shipment or the shipping container.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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**Conclusion**

3. Any inquiry concerning this communication or earlier communications from examiner should be directed to primary examiner **Van Trieu** whose telephone number is (571) 272-2972. The examiner can normally be reached on Mon-Fri from 7:00 AM to 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Mr. Daniel Wu** can be reached on (571) 272-2964.

A handwritten signature in black ink, appearing to read 'Van Trieu', with a long, sweeping horizontal line extending to the right.

**Van Trieu**  
**Primary Examiner**  
**Date: 4/16/07**